

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A communication terminal ~~comprising~~ including a rewritable non-volatile memory and a rewritable volatile memory, the communication terminal ~~further~~ comprising:

~~transfer status transition~~ means for limiting operation of software which uses the rewritable volatile memory and allocating ~~securing~~ an area required for storing an update file in the rewritable volatile memory before receiving ~~update software as~~ the update file from a software management server ~~which manages the update software;~~

~~transfer request transmission~~ means for requesting transfer of the update file to the software management server after ~~the transfer status transition means secures~~ the area required for storing the update file in the rewritable volatile memory is secured;

~~update file reception~~ means for receiving the update file from the software management server, and storing the update file in the rewritable volatile memory; and

~~software rewriting~~ means for rewriting software, ~~which is stored in the rewritable non-volatile memory~~ that is directly executed, with the update ~~software~~ file stored in the rewritable volatile memory ~~as the update file, after completion of storing the update file to the rewritable volatile memory by the update file reception means.~~

Claim 2 (Currently Amended): The communication terminal according to Claim 1, wherein the ~~update file reception~~ means for receiving stores the update file in the area of the rewritable volatile memory, ~~which is secured~~ allocated by limiting the operation of ~~[[the]]~~ software which uses the rewritable volatile memory ~~by the transfer status transition means.~~

Claim 3 (Currently Amended): The communication terminal according to Claim 1, further comprising ~~update file information reception;~~

means for receiving update file information, including size information of the update file, from the software management server,

wherein the ~~transfer status transition~~ means for limiting secures the area for storing the update file in the rewritable volatile memory ~~by limiting the operation of the software which uses the rewritable volatile memory~~ on the basis of the size information included in the update file information.

Claim 4 (Currently Amended): The communication terminal according to Claim 1, further comprising:

~~communication terminal identification information storage~~ means for storing identification information of the communication terminal; and

~~communication terminal identification information transmission~~ means for transmitting the stored identification information of the communication terminal, ~~which is stored in the communication terminal identification information storage means;~~ to the software management server.

Claim 5 (Currently Amended): The communication terminal according to Claim 1, further comprising:

~~software identification information storage~~ means for storing identification information of the software ~~which is stored in the rewritable non-volatile memory;~~ and

~~software identification information transmission~~ means for transmitting the identification information of the stored software, ~~which is stored in the software identification information storage means;~~ to the software management server.

Claim 6 (Currently Amended): The communication terminal according to Claim 5, wherein the ~~update file reception~~ means for receiving receives a differential file, ~~which is~~ transmitted from the software management server on the basis of the identification information of the software, ~~as the update file~~.

Claim 7 (Currently Amended): The communication terminal according to Claim 1, wherein the ~~update file reception~~ means for receiving receives the update file by wireless communication.

Claim 8 (Currently Amended): The communication terminal according to Claim 1, further comprising:

~~rewrite success judgment~~ means for judging whether a rewrite of the software ~~executed by the software rewriting means succeeds or not~~ is successful;

~~restoration status transition~~ means for performing wire communication with a software restoration apparatus for restoring the software, ~~which is stored in the rewritable non-volatile memory and is directly executed~~, by transferring the software to the rewritable non-volatile memory, when the ~~rewrite success judgment~~ means for judging judges that the rewrite of the software ~~executed by the software rewrite means~~ fails; and

~~restoration software reception~~ means for receiving the software from the software restoration apparatus and storing the software in the rewritable non-volatile memory.

Claim 9 (Currently Amended): ~~An update method of software, which is stored in a rewritable non-volatile memory of a communication terminal having the rewritable non-volatile memory and a rewritable volatile memory, and is directly executed, A computer-~~

readable medium storing computer readable instructions thereon, the computer-readable instructions when executed by a processor of a communication terminal cause the processor to perform the steps comprising:

~~a transfer status transition step in which transfer status transition means of the communication terminal limits~~ limiting operation of software which uses the rewritable volatile memory; ~~and secures~~

allocating an area required for storing an update file in the rewritable volatile memory before receiving ~~update software as~~ the update file from a software management server ~~which manages the update software;~~

~~a transfer request transmission step in which transfer request transmission means of the communication terminal requests~~ requesting transfer of the update file ~~[[to]]~~ from the software management server after the area required for storing the update file is secured in the rewritable volatile memory;

~~an update file transfer step in which the software management server transmits receiving, upon a transfer request by the communication terminal, the update file; to the communication terminal on the basis of a request of the transfer of the update file by the communication terminal, update file reception means of the communication terminal receives the update file transmitted from the software management server, and the update file reception means stores~~

storing the update file in the secured area of rewritable volatile memory ~~secured by the transfer status transition means; and~~

~~a software rewriting step in which software rewriting means of the communication terminal rewrites~~ rewriting a software, ~~which is stored in the rewritable non-volatile memory and is directly executed, with the update~~ file software stored in the rewritable volatile memory ~~as the update file, after the update file transfer step.~~

Claim 10 (Currently Amended): A software update system comprising: a communication terminal having a rewritable non-volatile memory and a rewritable volatile memory, and a software management server,

[[the]] a communication terminal including comprising:

~~transfer status transition~~ means for limiting operation of software which uses [[the]] a rewritable volatile memory and allocating ~~securing~~ an area required for storing an update file in the rewritable volatile memory before receiving update software as the update file from [[the]] a software management server ~~which manages the update software~~;

~~transfer request transmission~~ means for requesting transfer of the update file [[to]] from the software management server after securing ~~the transfer status transition~~ means ~~secures~~ the area required for storing the update file in the rewritable volatile memory;

~~update file reception~~ means for receiving the update file from the software management server, and storing the update file in the rewritable volatile memory; and

~~software rewriting~~ means for rewriting software, ~~which is stored in~~ [[the]] a rewritable non-volatile memory and ~~is directly executed~~, with the update file software stored in the rewritable volatile memory ~~as the update file~~, after completion of storing the update file to the rewritable volatile memory by the update file reception means, and

the software management server ~~comprising update file transmission~~ including

means for transmitting the ~~update software of the software, which is stored in the rewritable non-volatile memory provided in the communication terminal and is directly executed~~, as the update file to the communication terminal ~~on the basis of a~~

~~request of the transfer of the update file upon a transfer request~~ by the communication terminal.

Claim 11 (Currently Amended): The software update system according to Claim 10, wherein the communication terminal further ~~comprises:~~ includes

~~software identification information storage~~ means for storing identification information of the software ~~which is stored in the rewritable non-volatile memory,~~ [[;]] and

~~software identification information transmission~~ means for transmitting the identification information of the stored software, ~~which is stored in the software identification information storage means,~~ to the software management server~~[[,]]; and~~ wherein the software management server further ~~comprises differential file creation~~ includes

~~means for producing a differential file of the update software of the software, which is stored in the rewritable non-volatile memory provided in the communication terminal and is directly executed,~~ on the basis of the identification information of the software transmitted from the communication terminal, ~~wherein the update file transmission~~

~~means for transmitting~~ transmits the differential file ~~produced by the differential file creation means~~ to the communication terminal, and ~~wherein the update file reception~~

~~means for receiving~~ receives the differential file transmitted by the software management server.

Claim 12 (Currently Amended): The software update system according to Claim 10 ,
further comprising:

a software restoration apparatus ~~for connecting~~ configured to connect to the
communication terminal ~~with~~ via wire communication and ~~transferring~~ configured to transfer
a software to the rewritable non-volatile memory of the communication terminal, ~~whereby~~
restoring the software in the rewritable non-volatile memory,

wherein the communication terminal further ~~comprises:~~ includes

~~rewrite success judgment~~ means for judging whether ~~rewriting~~ a rewrite of the
software ~~executed by the software rewriting means succeeds or not;~~

~~restore status transition~~ means for performing wire communication with the software
restoration apparatus for restoring the software, ~~which is stored in the rewritable non-volatile~~
~~memory and is directly executed,~~ by transferring the software to the rewritable non-volatile
memory when the ~~rewrite success judgment means judges that~~ the rewrite of the software
~~executed by the software rewrite means fails; and~~

~~restore software reception~~ means for receiving the software from the software
restoration apparatus and storing the software in the rewritable non-volatile memory.